

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

ALEXANDER A MALTSEV, ET AL.

Application No.:

Filed: December 30, 2003

For: **ADAPTIVE PUNCTURING TECHNIQUE  
FOR MULTICARRIER SYSTEMS**

Art Group:

Examiner:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted concurrently with the Utility Application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Copies of the references cited on PTO/SB/08 are enclosed herewith.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP



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Date: December 30, 2003

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Complete if Known</b>	
				Application Number	
Sheet 1 of 1				Filing Date	December 30, 2003
				First Named Inventor	Alexander A Maltsev
				Art Unit	
				Examiner Name	
				Attorney Docket Number	42P16743

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	1	THOMAS KELLER AND LAJOS HANZO, ADAPTIVE MODULATION TECHNIQUES FOR DUPLEX OFDM TRANSMISSION, IEEE TRANSACTION ON VEH. TEC.		
		VOL 49, NO 5 SEPTEMBER 2000, PGS. 1893-1999.		
	2	Y.YASUDA ET, AL., HIGH RATE PUNCTURED CONVOLUTIONAL CODES FOR SOFT DECISION VITERBI DECODING, IEEE TRANS. ON COMMUN.,COM-32		
		PP 315-319, MAR. 1994.		
	3	HAYES ET, AL. THE INSTITION OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC. , WIRELESS LAN MEDIUM ACCESS CONTROL (MAC) AND		
		PHYSICAL LAYER (PHY) SPECIFICATIONS: HIGH-SPEED PHYSICAL LAYER IN THE 5 GHZ BAND, IEEE STD 802.11a-1999, PGS. 1-90.		

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.  
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